

ABSTRACT OF THE DISCLOSURE

An apparatus for evaluating manual dexterity in humans and in particular to an apparatus for evaluating the manual dexterity of humans with an impaired nervous system and/or musculoskeletal system is provided. Manual dexterity and object manipulation is a three dimensional activity and any attempt to evaluate it should take this fact into consideration. A method and apparatus for evaluating manual dexterity and object manipulation in humans comprises a structure to receive a hand and a unit to measure and record omnidirectional forces applied to the hand. Additionally, a connection structure to connect two hands is provided, wherein each hand is capable of transmitting a force onto the other hand via the connection structure. The apparatus may also include a unit to measure and record forces applied by each hand.